

KVK NEWSLETTER



KRISHI VIGYAN KENDRA (RANGA REDDY DISTRICT)
CENTRAL RESEARCH INSTITUTE FOR DRYLAND AGRICULTURE
HAYAT NAGAR RESEARCH FARM - HYDERABAD - ANDHRA PRADESH

Newsletter of KVK, CRIDA

Jan to June, 2013

Issue No. 10

KVK - Kharif and Rabi Activities 2012-13

Farm Testing (OFT) :

The KVK under Technology Assessment and Refinement, has assessed 15 technologies (Varietal, ICM, IPM, Horticulture, Farm mechanization, Livestock management and Livestock breeding) in farmers field of KVK adopted villages during Kharif and Rabi of 2012-13, the details are presented below :

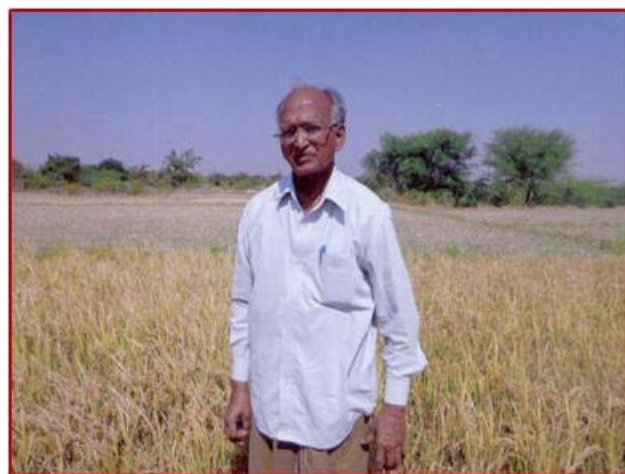
Crop/ Animal/ Species	Name of the technology**	No. of farmers/ trials	Yield (Kg/ha)	
			FP Demo	
Sorghum	Assessment of Sorghum varieties CSV – 23	5	950	1500
	PSV-56 (Srisaila)	3	950	1625
Rice	Assessment of Rice variety RNR-6378 (salinity tolerant and blast resistant)	5	4350	4700
Bajra	Assessment of bajra hybrid PHB-3 (high yielding and salinity tolerant)	3	1020	1750
Ragi	Assessment of Ragi	3	1430	1980

PSV - 56

CSV-23



RNR-6378



	variety PRS-2 (high yielding and blast tolerant)			
chickpea	Assessment of Chickpea variety JAKI-9218 (high yielding and wilt tolerant)	10	950	1375



Baira PHB-3

Ragi PRS-2



Chickpea JAKI-9218

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Crop/ Animal/ Species	Name of the technology**	No. of farmers/ trials	Yield (Kg/ha)	
			FP	Demo
Tomato	Assessment of usage of bio- fertilizers in tomato	10	20000	46300
Chrysanthemum	Assessment of Chrysanthemum varieties – Raichur, Sipper, Aparajitha, PBAU 107, Poornima (High yielding)	5	3800	5500
Tube rose	Assessment of Tube rose variety – Hyderabad Single (High yielding)	5	900	1300
Cattle	Effect of supplementation of concentrate feed, mineral mixture, vitamin E and Tonophosphan in anoestrous condition in cattle	5	No conception	-
Sheep	Effect of growth on sheep supplementation of balanced concentrate feed	5	16.98 Kg body weight	21.68 kg Body weight
Sheep & Goat	Replacement of Local Rams and bucks with better breeds of sheep and goat	14	Birth weight 1 – 1.5 Kg	-
Cotton	Performance and evaluation cotton picker machine	10	2800	2000



OFT on Bio-fertilizer use in Tomato

OFT on Chrysanthemum varieties



OFT on Tuberoses



OFT on replacement of local rams/bucks



OFT on supplementation of concentrate feed

pigeon pea	Conservation furrows in pigeon pea with CRIDA paired row planter	14	800	700
chickpea	Planting chick pea with CRIDA 6 row planter	10	17600	1360



OFT on conservation furrows in pigeonpea



OFT on assessment of Cotton Picking machine

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Front Line Demonstrations conducted during Kharif 2012-13

Crop	Component (Intervention)	No. of farmers	Yield (Kg/ha)		% increase over control
			IP	FP	
e	Direct sowing of rice using drum seeder	5	4550	4330	5.08
ize	Demonstration of Production technologies in maize	100	4289	2850	50.49
ghum	Shootfly management	25	1280	750	70
e	BIPM in rice	5	3750	2500	50
eon	Pigeon pea wilt tolerant variety PRG-158	27	1040	730	42.5
eon	IPM in pigeon pea	20	750	450	66.0
ton	Spacing and fertilizer management in cotton	5	1625	1250	30.0
ton	Management of sucking pests in cotton	20	1500	1000	50
mato	Raising hybrid tomato nursery in portrays under shade net	15	23500	21000	12
mato	Demonstration of mulching practice in tomato	10	27000	19800	37
na er	Demonstration of china aster variety Kamini to compare local variety (Local Red)	8	3100	2500	24



Cotton Spacing 90x60 cm and fertilizer management (60N: 24P:24 K- P Basal , N& K 4 splits 20,40,60,80 DAS)
Additional doses under water stress.



FLD: Raising hybrid tomato nursery in portrays under shade net



Demonstration of Mulching in Vegetables at KVK

Comparison of Mulching vs Non mulching practice Vegetables at KVK



Quality of Vegetables grown with Mulching at KVK



Perennial Fodder Hybrid	Demonstration of Perennial fodder Hybrid napier Co-4, APBN1	75	350000	110000	218
Backyard Poultry	Introduction of improved poultry breed Srinidhi for backyard poultry	50	Body weight and No. of eggs produced will be recorded		
Drudgery Reduction	Demonstration of Milking stool and stand for drudgery reduction in rural women	10	Drudgery reduction and postural problems reduced		
Drudgery Reduction	Demonstration of Head loader managers for drudgery reduction in rural women	10	Drudgery reduction and Postural problems reduced. Pain, stress in the neck ,and head reduced		



Pigeon pea PRG – 158 (Wilt tolerant , High Yielding Variety)



FLD: Demonstration of china aster Variety Kamini in adopted villages



Demonstration of Head loader manager for Drudgery

APBN1 Demonstration



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Training Programmes Organized by KVK during 2012-13

Discipline	No. of Courses	Total No. of Participants		Total
		Male	Female	
Production	6	167	12	179
Protection	6	113	30	143
Science	17	-	430	430
Nary	9	322	87	409
e				
Cultural	10	116	26	142
Engineering				
Culture	16	506	247	753
Cultural	10	232	98	330
ion				
	74	1456	930	2386



Extension activities organized by KVK

Activity
Field day Maize production technology
Animal health camp at Kandlapalli, Pudur Mandal, RR Dt.
Animal health camp at Mirzapur Mandal, RR Dt.
Animal health camp at Yenkepalli, Pudur Mandal, RR Dt.
Farmers' day at GRF, CRIDA
Technology Week at KVK, HRF, CRIDA
Soil health camp and Soil sample collection



Animal Health camp activities



FARMER SCIENTIST INTERACTIONS - ATMA RR DT. AND KVK



Question answer session

IBRC Visit



KIOSK DEMO

NSKE DEMO

FEED MILL DEMO



Soil and water conservation works completed at Three KVK villages under NICRA project

Name of the Structure	Location of structure / farmer name	Total capacity of structure
Pond-1, Farm Pond FP - 1 Slope 1:1	Ramadas Kandlapalli	650 Cu.m
Pond-2, Farm Pond FP - 2 Slope 1:1	P. Anjaiah Kandlapalli	1000 Cu.m
Pond-3, Farm Pond FP - 3 Slope 1:1	K. Narasaiah Yenkepalli	110 Cu.m
Community Percolation Tank (CPT)	Mirzapur	8,000 Cu.m

Exposure Visit : Visit to Coastal districts of A.P.
Radio talks
Agro-advisory services (Mobile and contacts)
Farmer Scientist Interactions (3)



Community Percolation Tank (CPT) at Maisamma Gudi	Kandlapalli	9,115 Cu.
Mini Percolation Tank (MPT)	Kassaiah Mirzapur	1000 Cu.
TCB's in three villages	24 farmers	702 Cu.m
Leveling in three villages	24 farmers	--



